

TITLE

METHOD FOR CULTIVATION OF FILAMENTOUS FUNGI

ABSTRACT OF THE DISCLOSURE

5 The invention discloses a method for cultivation of filamentous fungi using a suspended nutritionally solid substrate, the method including the steps of: (a) preparing a medium comprising a nutritionally solid substrate; and (b) inoculating an inoculum into the medium comprising the
10 nutritionally solid substrate in a bioreactor to carry out fermentation. The present invention combines the properties of solid-state culture and submerged culture. In addition, the present invention may employ an air-lift bioreactor with a net draft tube and the fed-batch process to elevate the yields of
15 filamentous fungi and metabolites thereof.